

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
23 June 2005 (23.06.2005)

PCT

(10) International Publication Number
WO 2005/056908 A1

(51) International Patent Classification⁷: **D06F 39/08**

[KR/KR]; #101-1203, Kolon APT., 890, Goowoon-Dong,
Kwonseon-Gu, Suwon-Si, Gyeonggi-Do 441-340 (KR).

(21) International Application Number:
PCT/KR2004/000875

(74) Agent: **SEO, Bong Seok**; 9th Floor, Seolim Bldg., 649-10,
Youk Sam-Dong, Gangnam-Gu, Seoul 135-080 (KR).

(22) International Filing Date: 16 April 2004 (16.04.2004)

(25) Filing Language: English

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,
MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH,
PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(26) Publication Language: English

(30) Priority Data:
10-2003-0089130
9 December 2003 (09.12.2003) KR

(71) Applicant (for all designated States except US): **SAM-
SUNG ELECTRONICS CO. LTD.** [KR/KR]; 416,
Maetan-Dong, Yeongtong-Gu, Suwon-Si, Gyeonggi-Do
442-742 (KR).

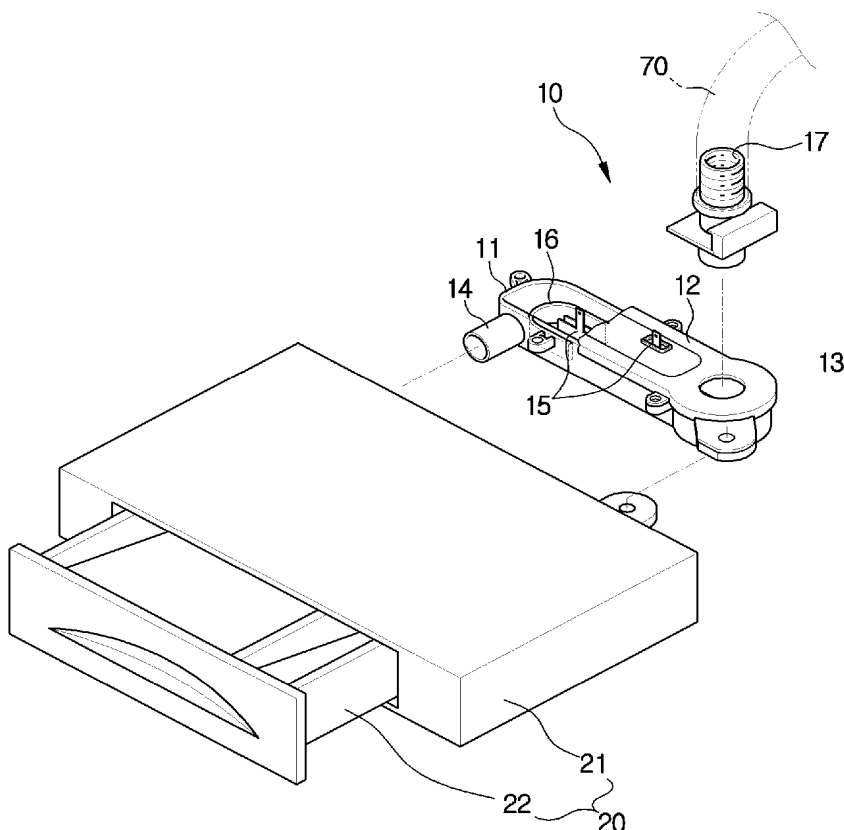
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

(72) Inventor; and

(75) Inventor/Applicant (for US only): **LEE, Young Su**

[Continued on next page]

(54) Title: WASHING MACHINE PROVIDED WITH SILVER SOLUTION SUPPLY DEVICE



(57) Abstract: A washing machine comprising a tub, a water supply unit for supplying water to the tub and a silver solution supply device for supplying a silver solution to the tub, wherein the silver solution supply device includes a housing provided with an inlet and an outlet, a water feed unit for connecting the inlet of the housing and the water supply unit of the washing machine, two silver members installed in the housing and ionized by the electrolysis, and a current speed reduction member positioned between an end of the silver member located at the outlet and the outlet of the housing. The current speed reduction member reduces the current speed of the wash water supplied to the silver solution supply device and changes the current of the wash water, thereby allowing the silver members to be sufficiently ionized and providing sufficient antibiotic and bactericidal effects.



Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*